



STORM WATER MANAGEMENT PLAN (SWMP) REQUIREMENTS CHECKLIST E-35

Development Services

Engineering Department

1635 Faraday Avenue

760-602-2750

www.carlsbadca.gov

Storm Water Management Plan

- ☐ I. Project Setting
 - ☐ A. Project Name, Location, Description, Vicinity Map
 - ☐ B. Existing site features and conditions
 - ☐ C. Opportunities and constraints for stormwater control and treatment
 - ☐ D. Nearby water bodies, existing storm drain systems
- ☐ II. Identify Pollutants-of-Concern
 - ☐ A. Identify pollutants associated with type of project/use
 - ☐ B. Identify watershed and hydrologic unit basin number and receiving waters project contributes to
 - ☐ C. List impaired water bodies per 303d listing (latest) that project contributes to
 - ☐ D. Summarize primary pollutants-of-concern
- ☐ III. Select Treatment control BMP's for project (not required if choosing integrated LID approach)
 - ☐ A. Select treatment control BMP's to target the pollutants-of-concern for your project. Use BMP's that are the most efficient at removing the target pollutants. Consider treatment trains.
 - ☐ B. Include narrative on selection criteria for each available treatment BMP for this project and why the other BMP's were not chosen
 - ☐ C. Describe numeric sizing criteria approach and include BMP sizing calculations per SUSMP
- ☐ IV. Hydromodification study and findings, if subject to interim hydromodification requirements
- ☐ V. Drainage Study Report showing pre- and post-development runoff rates and flows (not required if choosing integrated LID approach)
- ☐ VI. Integrated Low Impact Development (LID) Design Strategies
 - ☐ A. Optimization of site layout
 - 1) Limitation of development envelope
 - 2) Preservation of natural drainage features
 - 3) Setbacks of creeks, wetlands, and riparian habitats
 - 4) Minimization of imperviousness
 - 5) Using drainage as design element
 - ☐ B. Use of permeable pavements
 - ☐ C. Dispersal of runoff to pervious areas
 - ☐ D. Use of Integrated Management Practices
 - ☐ E. Include soil infiltration rates (if using self-retaining areas as an IMP)
 - ☐ F. Capacity calculations (if using self-retaining areas as an IMP)
- ☐ VII. Documentation of Drainage Design (for integrated LID approach)
 - ☐ A. Drainage Management Areas
 - 1) Tabulation
 - 2) Descriptions
 - ☐ B. Integrated Management Practices
 - 1) Tabulation and Sizing Calculations
 - 2) Descriptions
- ☐ VIII. Source Control Measures
 - ☐ A. Description of site activities and potential sources of pollutants
 - ☐ B. Complete table showing sources, permanent source controls, and operational source controls



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- ☐ IX. BMP Facility Maintenance Requirements
 - ☐ A. Describe ownership and responsibility of maintenance of BMP's in perpetuity
 - 1) Describe commitments to execute any necessary agreements
 - 2) Statement accepting responsibility for operation and maintenance of facilities until that responsibility is formally transferred
 - ☐ B. Summary of maintenance requirements for each stormwater BMP/IMP facility
- ☐ X. SWMP Certification Statements
 - ☐ A. Preparer's statement
 - ☐ B. Owner's statement

Single-Sheet BMP Exhibit Requirements

- ☐ Use City standard single-sheet BMP template
- ☐ Show entire property included on one map (use key map if multi-sheets)
- ☐ Show drainage areas/direction of flows
- ☐ Show property lines and streets/drives
- ☐ Show and callout private and public storm drain systems
- ☐ Show nearby water bodies
- ☐ Show location of all inlets and outlets of storm drain system
- ☐ Show and callout location of proposed stormwater controls and BMP's, including detention basins
- ☐ Show locations of impervious and pervious areas (use distinguishable symbols)
- ☐ Show location where materials would be exposed to stormwater
- ☐ Show areas of potential erosion
- ☐ Show location of building and activity areas (e.g. fueling islands, garages, waster container area, wash racks, hazardous material storage areas, etc.)
- ☐ Show and callout all site design and Source Control BMP's, (e.g. disconnecting runoff, stenciling of inlets, trash storage areas, material storage areas, efficient irrigation/landscape design, etc.)
- ☐ Show all treatment control BMP's (or LID facilities), detailed and called out on the plan sheet
- ☐ Delineated areas draining to each treatment control BMP/LID IMP facility
- ☐ Signature Block for City Engineer
- ☐ Inspection Signature Blocks for Building, Landscape and Engineering Inspectors

Attachments: Copy of completed Storm Water Standards Questionnaire (SWSQ)
Single-sheet BMP Exhibit
DMA/IMP Exhibit (w/integrated LID approach)
DMA/TCBMP Exhibit (w/alternative to integrated LID approach)
Proprietary BMP product information and backup